

021904

16562 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |   |
|------------------------|---|
| Attorney Docket No.    | TI-31017.1  |
| First Inventor         | Sunil V. Hattangady   |
| Title                  | SEMICONDUCTOR WITH A NITRIDED SILICON GATE OXIDE AND METHOD |
| Express Mail Label No. | EV 333323537 US   |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

## ADDRESS TO:

Commissioner for Patents  
Box Patent Application  
Alexandria, VA 22313-1450

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
- ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [ Total Pages **16** ]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [ Total Sheets **2** ]
- Oath or Declaration [ Total Pages **4** ]
  - ☐ Newly Executed (original or copy)
  - ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & documents(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☒ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 10/326,188

Prior application information:

Examiner

Long Pham

Group / Art Unit: 2814

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS



Customer Number or Bar Code Label

**23494**

(Insert Customer No. or Attach bar code label here)



Correspondence address below

|         |                                |           |                |          |               |
|---------|--------------------------------|-----------|----------------|----------|---------------|
| NAME    | Texas Instruments Incorporated |           |                |          |               |
| ADDRESS |                                |           |                |          |               |
| CITY    |                                | STATE     | TX             | ZIP CODE |               |
| COUNTRY |                                | TELEPHONE | (214) 532-9348 | FAX      | (972)917-4418 |

|                   |                      |                                   |                 |
|-------------------|----------------------|-----------------------------------|-----------------|
| Name (Print/Type) | Jacqueline J. Garner | Registration No. (Attorney/Agent) | Reg. No. 36,144 |
| Signature         |                      | Date                              | 2/19/04         |

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19270 U.S. PTO  
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# FEE TRANSMITTAL for FY 2001

## Complete If Known

|                      |                     |
|----------------------|---------------------|
| Application Number   | TBD                 |
| Filing Date          | 2/19/2004           |
| First Named Inventor | Sunil V. Hattangady |
| Examiner Name        | TBD                 |
| Group Art Unit       | TBD                 |
| Attorney Docket No.  | TI-31017.1          |

TOTAL AMOUNT OF PAYMENT (\$ ) 770.00

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number: 20-0668
- Deposit Account Name: Texas Instruments Incorporated
- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|--|----------|
| 105                   | 130                   | 205                   | 65                    | Surcharge - late filing fee of oath  |          |
| 127                   | 50                    | 227                   | 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                   | 130                   | 139                   | 130                   | Non-English specification  |          |
| 147                   | 2,520                 | 147                   | 2,520                 | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112                   | 920*                  | 112                   | 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 113                   | 1,840*                | 113                   | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 115                   | 110                   | 215                   | 55                    | Extension for reply within first month                                     |          |
| 116                   | 390                   | 216                   | 195                   | Extension for reply within second month                                    |          |
| 117                   | 890                   | 217                   | 445                   | Extension for reply within third month                                     |          |
| 118                   | 1,390                 | 218                   | 695                   | Extension for reply within fourth month                                    |          |
| 128                   | 1,890                 | 228                   | 945                   | Extension for reply within fifth month                                     |          |
| 119                   | 310                   | 219                   | 155                   | Notice of Appeal   |          |
| 120                   | 310                   | 220                   | 155                   | Filing a brief in support of an appeal                                     |          |
| 121                   | 270                   | 221                   | 135                   | Request for oral hearing   |          |
| 138                   | 1,510                 | 138                   | 1,510                 | Petition to institute a public use proceeding                              |          |
| 140                   | 110                   | 240                   | 55                    | Petition to revive - unavoidable   |          |
| 144                   | 1,240                 | 241                   | 620                   | Petition to revive - unintentional   |          |
| 142                   | 1,240                 | 242                   | 620                   | Utility issue fee (or reissue)   |          |
| 143                   | 440                   | 243                   | 220                   | Design issue fee   |          |
| 144                   | 600                   | 244                   | 300                   | Plant issue fee  |          |
| 122                   | 130                   | 122                   | 130                   | Petitions to the Commissioner  |          |
| 123                   | 130                   | 123                   | 130                   | Petitions related to provisional applications                              |          |
| 126                   | 180                   | 126                   | 180                   | Submission of information Disclosure Stmt                                  |          |
| 581                   | 40                    | 581                   | 40                    | Recording each patent assignment per property (times number of properties) |          |
| 146                   | 710                   | 246                   | 355                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149                   | 710                   | 249                   | 355                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179                   | 710                   | 279                   | 355                   | Request for Continued Examination (RCE)                                    |          |
| 169                   | 900                   | 169                   | 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify)

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description        | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 101                   | 710                   | 201                   | 355                   | Utility filing fee     | \$770    |
| 106                   | 320                   | 206                   | 160                   | Design filing fee      |          |
| 107                   | 490                   | 207                   | 245                   | Plant filing fee       |          |
| 108                   | 710                   | 208                   | 355                   | Reissue filing fee     |          |
| 114                   | 150                   | 214                   | 75                    | Provisional filing fee |          |
| SUBTOTAL (1)          |                       |                       |                       |                        | (\$770)  |

### 2. EXTRA CLAIM FEES

| Extra Claims          | Fee from below | Fee Paid |
|-----------------------|----------------|----------|
| Total Claims: 5       | -20** = 0      | X 18 = 0 |
| Independent Claims: 1 | -3** = 0       | X 84 = 0 |
| Multiple Dependent    | 0              | = 0      |

  

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description   |
|-----------------------|-----------------------|-----------------------|-----------------------|---|
| 103                   | 18                    | 203                   | 9                     | Claims in excess of 20                                    |
| 102                   | 80                    | 202                   | 40                    | Independent claims in excess of 3                         |
| 104                   | 270                   | 204                   | 135                   | Multiple dependent claim, if not paid                     |
| 109                   | 80                    | 209                   | 40                    | **Reissue independent claims over original patent         |
| 110                   | 18                    | 210                   | 9                     | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$ ) 0  |                       |                       |                       |   |

\*\*or number previously paid, if greater; For Reissue, see above

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

## SUBMITTED BY

Name (Print/Type) Jacqueline J. Garner

Signature

Registration No. 36,144  
(Attorney/Agent)

## Complete (if applicable)

Telephone (214) 532-9348

Date

2/19/04

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